



Results of the 2002 Floriculture Survey

(for the complete report, search on the keyword 'floriculture' at www.usda.gov/nass/search.htm)

The 2002 wholesale value of sales by commercial flower and foliage producers in Pennsylvania totaled \$180.7 million, down \$5.2 million from 2001. Pennsylvania ranked seventh nationally in wholesale sales of floriculture crops.

The wholesale value of cut flowers sold in 2002 totaled \$3.8 million, down \$0.8 million from 2001. The value of sales at wholesale of potted flowering plants was \$42.9 million, up \$0.3 million from 2001. Pennsylvania ranked fifth nationally for the value of sales at wholesale of potted flowering plants. Sales of foliage plants for indoor or patio use were \$4.2, up \$0.8 million from 2001. Sales of all bedding and garden plants in flats, pots

and baskets totaled \$75.7 million, down \$1.6 million from 2001.

The total covered growing area for Pennsylvania in 2002 was 24.2 million square feet, down from 24.6 million square feet in 2001. The types of covered growing area were: glass greenhouses, 4.8 million square feet; fiberglass and other rigid greenhouses, 3.1 million square feet; film plastic (single/multi) greenhouses, 15.8 million square feet; and shade and temporary cover, 554,000 square feet. Growers also used 617 acres of open grown in 2002. There were 794 growers in 2002, compared to 823 growers in 2001.

**Pennsylvania: Number of Growers,
Reported Gross Value of Sales, 2001-2002**

Value of Sales	2001	2002
	<i>Number</i>	
\$10,000 - \$19,999	122	99
\$20,000 - \$39,999	138	146
\$40,000 - \$49,999	69	72
\$50,000 - \$99,999	239	231
\$100,000 - \$499,999	193	190
\$500,000 or More	62	56
TOTAL	823	794
	<i>1,000 Dollars</i>	
Expanded wholesale value ¹	185,921	180,740

¹ Wholesale value of sales as reported by growers with \$100,000 or more in sales of floriculture crops plus a calculated wholesale value of sales for growers with sales below \$100,000. The value of sales for growers below the \$100,000 level was estimated by multiplying the number of growers in each size group by the mid-point of each dollar value range.

**Pennsylvania: Growing Area by Type of Cover,
All Operations with \$10,000+ Sales, 2001-2002**

Type of Cover	2001	2002
	<i>Number</i>	
Total number of growers	823	794
	<i>1,000 Square Feet</i>	
Glass greenhouses	4,156	4,754
Fiberglass & other rigid greenhouses	3,015	3,092
Film plastic (single/multi) greenhouses	16,840	15,790
TOTAL GREENHOUSE COVER	24,011	23,636
Shade and temporary cover	582	554
TOTAL COVERED AREA	24,593	24,190
	<i>Acres</i>	
Open ground	547	617

**Pennsylvania: Growing Area by Type of Cover,
All Operations with \$100,000+ Sales, 2001-2002**

Type of Cover	2001	2002
	<i>Number</i>	
Total number of growers	255	246
	<i>1,000 Square Feet</i>	
Glass greenhouses	3,409	3,959
Fiberglass & other rigid greenhouses	2,186	2,353
Film plastic (single/multi) greenhouses	12,592	11,648
TOTAL GREENHOUSE COVER	18,187	17,960
Shade and temporary cover	463	290
TOTAL COVERED AREA	18,650	18,250
	<i>Acres</i>	
Open ground	323	375

**Pennsylvania: Floriculture Crops - Wholesale Value of Sales
by Category for Operations with \$100,000+ Sales, 2001-2002**

Category	2001	2002
	<i>1,000 Dollars</i>	
Total cut flowers	4,587	3,773
Total potted flowering plants	42,571	42,901
Total foliage for indoor or patio use	3,394	4,242
Total bedding/garden plants ¹	77,246	75,683
Annual bedding/garden plants	61,113	59,715
Herbaceous perennial plants	16,133	15,968
Propagative materials	31,122	29,535
TOTAL wholesale value (reported crops)	158,920	156,134

¹ Includes annual bedding plants and herbaceous perennials.

**Pennsylvania: Cut Flowers - Producers, Quantity Sold, Price & Value
for Operations with \$100,000+ Sales, 2001-2002**

Type	Year	Producers	Quantity Sold	Percent of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale ¹
	<i>Number</i>	<i>Number</i>	<i>1,000 Bunches</i>	<i>Percent</i>	<i>Dols. per Bunch</i>	<i>1,000 Dollars</i>
Chrysanthemums, pompon	2001	5	20	52	0.98	20
	2002	7	19	35	1.37	26
			<i>1,000 Spikes</i>		<i>Cents per Spike</i>	
Snapdragons	2001	12	1,718	99	44.8	770
	2002	13	1,724	98	45.4	783
			<i>1,000 Stems</i>		<i>Cents per Stem</i>	
Iris	2001	9	80	74	27.5	22
	2002	5	32	44	42.8	14
Lilies	2001	10	197	91	107.1	211
	2002 ²	-	-	-	-	-
Lisianthus	2001	5	65	78	50.6	33
	2002	5	79	84	49.1	39
Roses, all	2001	5	4,152	90	55.3	2,296
	2002	5	3,393	89	50.7	1,720
Tulips	2001	7	116	67	35.1	41
	2002	3	19	90	45.0	9
Other cut flowers	2001	16	-	90	-	845
	2002	14	-	89	-	679

¹ Equivalent wholesale value of all sales. ² Data not published to avoid disclosure of individual operations.

**Pennsylvania: Potted Flowering Plants - Producers & Pots Sold
for Operations with \$100,000+ Sales, 2001-2002**

Flower Type	Producers		Quantity Sold				Percent of Sales at Wholesale		Wholesale Price				Value of All Sales at Wholesale ¹	
	2001	2002	Less Than 5 Inch		5 Inch or More		at Wholesale		Less Than 5 Inch		5 Inch or More		2001	2002
			2001	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
	<i>Number</i>		<i>1,000 Pots</i>				<i>Percent</i>		<i>Dollars per Pot</i>				<i>1,000 Dollars</i>	
African violets	15	10	434	415	-	-	82	100	1.03	1.08	-	-	447	499
Finished florist azaleas ^{2 3}	39	36	-	-	345	356	96	97	-	-	4.42	4.28	1,525	1,524
Florist chrysanthemums	79	75	454	407	453	513	96	95	1.27	1.60	3.26	3.36	2,053	2,375
Easter lilies ^{2 3}	96	91	-	-	816	876	95	95	-	-	3.57	3.40	2,916	2,982
Orchids ^{2 3}	10	-	-	-	47	-	50	-	-	-	15.38	-	723	-
Poinsettias	164	160	785	869	3,942	3,567	91	91	1.55	1.44	3.52	3.74	15,093	14,592
Florist roses ^{2 3}	10	12	19	23	-	-	90	87	2.53	1.96	-	-	48	45
Spring flowering bulbs	84	85	488	840	1,052	861	93	94	1.37	1.36	3.08	3.03	3,909	3,751
Other potted flowering plants	95	95	2,708	2,555	4,058	4,552	98	98	1.27	1.26	3.06	2.98	15,857	16,784

¹ Equivalent wholesale value of all sales. ² Pot sizes have been combined to avoid disclosure of individual operations. ³ Pot price is a weighted average of all pots reported to avoid disclosure of individual operations.

**Pennsylvania: Foliage Plants for Indoor or Patio Use, Potted Foliage - Producers,
Quantity Sold, Price & Value for Operations with \$100,000+ Sales, 2001-2002**

Producers		Percent of Sales at Wholesale		Value of Sales at Wholesale ¹	
2001	2002	2001	2002	2001	2002
<i>Number</i>		<i>Percent</i>		<i>1,000 Dollars</i>	
37	37	85	64	2,213	2,568

¹ Equivalent wholesale value of sales.

**Pennsylvania: Foliage Plants for Indoor or Patio Use Foliage Hanging Basket - Producers,
Quantity Sold, Price and Value for Operations with \$100,000 + Sales, 2001-2002**

Producers		Total Quantity Sold		Percent of Sales at Wholesale		Wholesale Price		Value of Sales at Wholesale	
2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
<i>Number</i>		<i>1,000 Baskets</i>		<i>Percent</i>		<i>Dollars Per Basket</i>		<i>1,000 Dollars</i>	
78	73	310	392	89	91	3.81	4.27	1,181	1,674

**Pennsylvania: Potted Herbaceous Perennials - Price and Value
for Operations with \$100,000+ Sales, 2001-2002**

Flower Type	Year	Producers	Quantity Sold					Percent of Sales at Wholesale	Wholesale Price					Value of All Sales at Wholesale ¹
			Less Than 5 Inch	5 Inch or More	Less Than 1 Gallon	1 to 2 Gallon	2 Gallon & Larger		Less Than 5 Inch	5 Inch or More	Less Than 1 Gallon	1 to 2 Gallon	2 Gallon & Larger	Total
	<i>Number</i>	<i>Number</i>	<i>1,000 Pots</i>					<i>Percent</i>	<i>Dollars Per Pot</i>					<i>1,000 Dols</i>
Hardy/garden Chrysanthemum	2001	146	129	2,508	-	-	-	79	1.24	1.96	-	-	-	5,076
	2002	141	232	3,282	-	-	-	84	1.17	1.94	-	-	-	6,639
Hosta	2001	79	-	-	195	-	²	50	-	-	4.07	-	³	793
	2002	75	-	-	39	69	23	81	-	-	2.64	4.01	6.27	524
Other herbaceous Perennials	2001	118	-	-	3,405	1,320	136	83	-	-	1.52	3.32	5.19	10,264
	2002	118	-	-	2,323	1,164	151	82	-	-	1.77	3.30	5.64	8,805

¹ Equivalent wholesale value of all sales. ² Pot sizes have been combined to avoid disclosure of individual operations. ³ Pot price is a weighted average of all pots reported to avoid disclosure of individual operations.

**Pennsylvania: Annual Bedding/Garden Plants Flats (Only) - Producers, Quantity Sold,
Price and Value for Operations with \$100,000+ Sales, 2001-2002**

Annual Bedding/ Garden Plants	Year	Producers	Total Quantity Sold	Percent of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale ¹
<i>Flats (ONLY)</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Flats</i>	<i>Percent</i>	<i>Dollars per Flat</i>	<i>1,000 Dollars</i>
Begonias	2001	148	241	82	7.22	1,740
	2002	138	264	87	7.21	1,903
Geraniums from vegetative cuts	2001	14	14	86	5.77	81
	2002	12	13	85	5.44	71
Geraniums from seed	2001	24	12	52	10.20	122
	2002	27	33	76	11.00	363
New Guinea Impatiens	2001	12	14	84	11.84	166
	2002	7	13	81	12.37	161
Impatiens	2001	175	707	81	7.53	5,324
	2002	169	634	80	7.62	4,831
Marigolds	2001	147	284	84	7.80	2,215
	2002	145	266	82	8.11	2,157
Pansy/Viola	2001	149	326	84	7.60	2,478
	2002	145	331	86	7.70	2,549
Petunias	2001	180	360	78	7.92	2,851
	2002	169	373	78	7.94	2,962
All other flowering & foliar plants	2001	177	1,264	77	6.99	8,835
	2002	169	1,066	76	7.41	7,899
Vegetative type bedding plants	2001	163	358	76	6.92	2,477
	2002	153	314	73	7.44	2,336

¹ Equivalent wholesale value of all sales.

Pennsylvania: Annual Bedding/Garden Plants Potted (Only) - Producers, Quantity, Price and Value for Operations with \$100,000+ Sales, 2001-2002

Annual Bedding/Garden Plants	Year	Producers	Quantity Sold		Total	Percent of Sales at Wholesale	Wholesale Price		Value of Sales at Wholesale ¹
			Less Than 5 Inch	5 Inch or More			Less Than 5 Inch	5 Inch or More	
<i>Potted Plants (ONLY)</i>		<i>Number</i>	<i>1,000 Pots</i>			<i>Percent</i>	<i>Dollars Per Pot</i>		<i>1,000 Dols.</i>
Begonias	2001	83	321	80	401	85	0.93	1.56	423
	2002	88	357	96	453	91	0.90	1.62	477
Geraniums from vegetative cuts	2001	186	3,699	266	3,965	80	1.42	3.52	6,189
	2002	180	3,436	362	3,798	77	1.35	3.69	5,974
Geraniums from seed	2001	64	2,695	18	2,713	94	0.82	1.83	2,243
	2002	60	2,790	18	2,808	95	0.82	1.36	2,312
New Guinea Impatiens	2001	169	817	89	906	70	1.45	3.11	1,461
	2002	160	724	148	872	70	1.50	2.96	1,524
Impatiens	2001	70	529	159	688	93	0.79	2.16	761
	2002	71	564	183	747	94	0.79	2.03	817
Marigolds	2001	44	186	89	275	85	0.76	1.41	267
	2002	49	199	111	310	86	0.76	1.48	316
Pansy/Viola	2001	45	196	114	310	89	0.74	1.46	311
	2002	50	470	153	623	91	0.70	1.62	577
Petunias	2001	96	545	332	877	91	1.08	2.60	1,452
	2002	92	561	331	892	91	0.80	2.63	1,319
All other flowering & foliar plants	2001	121	2,470	1,083	3,553	87	1.22	3.00	6,262
	2002	127	2,586	1,187	3,773	87	1.16	2.87	6,406
Vegetative type bedding plants	2001	98	1,703	337	2,040	82	0.99	1.66	2,245
	2002	93	1,237	250	1,487	85	1.18	1.47	1,827

¹ Equivalent wholesale value of all sales.

Pennsylvania: Annual Bedding/Garden Plants Hanging Baskets (Only) - Producers, Quantity Sold, Price and Value for Operations with \$100,000+ Sales, 2001-2002

Annual Bedding/Garden Plants	Year	Producers	Total Quantity Sold	Percent of Sales at Wholesale	Wholesale Price	Value of Sales at Wholesale ¹
<i>Hanging Baskets (ONLY)</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Baskets</i>	<i>Percent</i>	<i>Dols. per Basket</i>	<i>1,000 Dollars</i>
Begonias	2001	90	112	84	6.12	685
	2002	89	106	89	5.66	600
Geraniums from seed	2001	5	2	46	9.56	19
	2002	5	2	73	8.43	17
Geraniums from vegetative cuts	2001	135	224	80	6.61	1,481
	2002	121	204	79	6.59	1,344
New Guinea Impatiens	2001	138	265	85	6.36	1,685
	2002	128	259	87	6.43	1,665
Impatiens	2001	113	250	91	4.48	1,120
	2002	102	240	91	4.26	1,022
Pansy/Viola	2001	35	32	85	6.83	219
	2002	34	49	92	5.66	277
Petunias	2001	134	224	83	6.13	1,373
	2002	125	220	82	5.80	1,160
All other flowering & foliar plants	2001	146	1,210	78	5.46	6,607
	2002	145	1,246	77	5.49	6,841

¹ Equivalent wholesale value of all sales.

Pennsylvania: Propagative (Unfinished) Floriculture Material - Total Value of Sales by Category for Operations with \$100,000+ Sales, 2001-2002

Year	Potted Flowering Plants	Annual Bedding/Garden Plants	Herbaceous Perennial Plants
	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
2001	1,401	10,611	18,638
2002	1,781	6,020	21,650